

CLAIMS

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1. A vehicle data processing system comprising:
an on-vehicle data processor having a data receiving portion for receiving data to be processed, an off-vehicle input unit separated independently from the data processor;
a data storage unit for storing data inputted into the data input unit;
a sensor unit for sensing the starting of the data processor; and
a data transmitter for transmitting the data stored in the data storage unit to the data processor when the starting of the data processor is sensed by the sensor unit.

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2. A vehicle data processing system as defined in claim 1 wherein said data storage unit, sensor unit and data transmitter are disposed within an information center and wherein said data processor includes a transmitter for transmitting a start signal to the information center when said data processor is started.

Sub
B1

~~3. A vehicle data processing system as defined in claim 2 wherein the data communication between said information center and said data processor is made through a mobile telephone system.~~

Sub B1
~~4. A vehicle data processing system as defined in claim 2 wherein the sensor unit in said information center polls a plurality of vehicles moving within its control area to sense a vehicle transmitting the start signal.~~

Sub A2
~~5. A vehicle data processing system as defined in claim 2 wherein said data processor transmits the start signal to the information center when the engine of the vehicle is started or when the driver side door of the vehicle is opened.~~

Sub B2
~~6. A vehicle data processing system as defined in claim 1 wherein said data processor is a navigation system and wherein said data input unit is used to input navigation information.~~

~~7. A vehicle data processing system as defined in claim 1 wherein said data processor is an audio system and wherein said input unit is used to input music information.~~

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Sub A3
~~8. A vehicle data processing system comprising:
an on-vehicle data processor having a data transmitting portion for transmitting a request signal and a data receiving portion for receiving data to be processed,
an off-vehicle input unit separated independently~~

from the data processor, a data storage unit for storing data inputted into the data input unit,

a sensor means for sensing a vehicle receiving the request signal; and

a data transmitter responsive to the request signal for accessing the data storage unit to read the corresponding data and for transmitting the read data to the data processor in the vehicle sensed by the sensor means.

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9. A vehicle data processing system as defined in claim 8 wherein said sensor means and data transmitter are disposed within an information center.

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10. A vehicle data processing system as defined in claim 9 wherein the data communication between said information center and said data processor is made through a mobile telephone system.

Sub B3

11. A vehicle data processing system as defined in claim 8 wherein said data processor is an audio system and wherein said request signal is music information.